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4865/00/JC

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Patrick EGERMANN  
Serial No.: 10/070,537  
Filed: June 18, 2002  
For: METHOD FOR MODELLING FLUID DISPLACEMENTS  
IN A POROUS MEDIUM TAKING ACCOUNT OF  
HYSTERESIS EFFECTS  
Art Unit: 2128  
Examiner: Thai Q. Phan

**AMENDMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

October 13, 2005

Sir:

This is in response to the first Office Action of July 14, 2005. Please amend the above-identified application as listed below and as set forth on the following pages:

Amendments to the Specification and Abstract

Amendments to the Claims

Remarks are included following the amendments